



Coaxial Cable

Polyethylene Dielectric Flexible RG-Type (Non-Plenum)



Mfr.'s Type	RG Type	Ohms	Inner Conductor			Shield		Jacket		100'		500'		1000'	
			Mat.'1	Strand	AWG	Mat.'1	% Coverage	Mat.'1	O.D. (In.)	Stock No.	EACH	Stock No.	EACH	Stock No.	EACH
M4182*† M4201*†† 9008A†	6/U 8A/U 8A/U	75 52 52	C C C	Solid 7/21 7/21	18 13 13	A/P/A + TC Braid C C	60 95 95	Black V Black NCV Black NCV	0.270 0.405 0.405	708-0648 708-0574 708-9821	58.12 240.64 250.62	708-0649 708-0614 708-9822	301.40 1036.98 956.74	708-0650 708-0615 708-9823	508.77 1680.12 1494.84
M4208† M4207† M4202*† 9848*†	11A/U 11/U 11A/U 58/U	75 75 75 50	C TC TC C	Solid 7/26 7/26 Solid	14 18 18 18	C C C TC	95 95 95 95	Black PE Black V Black NCV Black V	0.405 0.405 0.405 0.195	708-0651 — 708-0618 708-9992	182.78 — 218.03 113.08	— 708-0616 708-0619 —	— 862.26 1002.41 —	708-0652 708-0617 708-0620 708-9993	1418.64 1795.43 1692.69 550.21
9058X**† 9058AC*† 9058C*† M4237*†	58/U 58A/U 58C/U 59/U	53.5 50 50 75	C TC TC C	Solid 19/0.0071 19/0.0071 7/30	20 20 20 22	TC TC TC C	95 95 95 95	Black V Black V Black NCV Black V	0.195 0.195 0.195 0.240	708-9850 708-9853 708-9856 708-0645	88.15 66.19 131.38 67.18	708-9851 708-9854 708-9857 708-0646	248.48 260.36 340.85 308.36	708-9852 708-9855 708-9858 708-0647	344.86 390.98 540.27 520.81
9830*†† 9059C**† 9059B† 9062AC**††	59/U 59/U 59B/U 62A/U	75 73 75 93	CW CW CW CW	Solid Solid Solid Solid	22 22 23 22	C C C C	85 95 94 95	Black V Black V Black NCV Black NCV	0.242 0.242 0.242 0.242	708-9994 708-9859 708-9862 708-9870	91.15 70.60 151.60 60.27	708-9995 708-9860 708-9863 708-9871	282.71 232.40 372.70 239.80	708-9996 708-9861 708-9864 708-9872	380.14 360.33 628.24 316.47
M4214*†† M4217*†† M4221*†† 9217† M4218*††	174/U 213/U 214/U 217/U 223/U	50 50 50 50 50	CW C SC C SC	7/34 7/0.296 7/0.296 1/0.106 1/0.035	26 13 13 10 19	TC C 2X, SC Double C 2X, SC	85 96 95 95 95	Black V Black NCV Black NCV Black NCV Black NCV	0.110 0.405 0.425 0.545 0.212	708-0621 708-0636 708-0639 708-9840 708-0642	49.86 221.30 1026.19 855.93 413.92	708-0622 708-0637 708-0640 708-9841 708-0643	228.53 1016.44 4719.47 3405.52 1903.30	708-0623 708-0638 708-0641 708-9842 708-0644	347.10 1715.54 7969.20 5064.55 3214.22

\*UL1354. \*\*UL1478. †MIL-C-17D, ‡CSA C(UL) CMX, •CL2 Rated. Material Codes: C — bare copper; TC — tinned copper; SC — silver covered copper; V — polyvinylchloride, type 1; NCV — non-contaminating polyvinylchloride, type 2; 2X — double shield; CW — copper covered steel (copperweld); A/P/A — Aluminum/Polyester/Aluminum; Note: Type 9059C available in 5 colors — Black, Red, Green, Blue and Slate. Type 9062AC available in 7 colors — White, Black, Red, Green, Blue, Orange and Slate. Colors other than black are available in 1000' lengths only.

PTFE Dielectric Cable (Non-Plenum)

Mfr.'s Type	RG Type	Ohms	Inner Conductor			Dielectric		Shield		Jacket		100'		500'	
			Mat.'1	Strand	AWG	Mat.'1	O.D. (In.)	Mat.'1	% Coverage	Mat.'1	O.D. (In.)	Stock No.	EACH	Stock No.	EACH
M4252† M4253† M4254†	178B/U 179B/U 180B/U	50 75 95	SCW SCW SCW	7/38 7/38 7/38	30 30 30	PTFE PTFE PTFE	0.034 0.063 0.102	SC SC SC	94 93 91	FEP FEP FEP	0.071 0.100 0.141	708-0624 708-0626 708-0628	127.94 179.88 331.73	708-0625 708-0627 708-0629	588.25 826.04 1459.77
M4255† M4256† M4258†	187A/U 188A/U 196A/U	75 50 50	SCW SCW SCW	7/38 7/0.067 7/38	30 25 30	PTFE PTFE PTFE	0.063 0.060 0.034	SC SC SC	93 94 94	PTFE PTFE PTFE	0.105 0.105 0.075	708-0630 708-0632 708-0634	244.75 220.18 194.57	708-0631 708-0633 708-0635	1124.81 1011.89 894.20

†MIL-C-17. Material Codes: SCW — silver-coated copperweld; PTFE — polytetrafluoroethylene; SC — silver coated copper; FEP — fluorinated ethylene-propylene.

LAN Trunk Cables — Coaxial — IEEE 802.3 (Plenum and Non-Plenum)

Material Code: C — Bare Copper; TC — Tinned Copper; CW — Copper Coated Steel; PVDF — Polyvinylidene Fluoride; A/P — Aluminum/Polyester; NCV — Non-contaminating Polyvinylchloride, type 2.



Mfr.'s Type	RG Type	Ohms	Inner Conductor			Shield		Jacket		100'		500'		1000'	
			Mat.'1	Strand	AWG	Mat.'1	% Coverage	Mat.'1	O.D. (In.)	Stock No.	EACH	Stock No.	EACH	Stock No.	EACH
9104* M4213† 9888C**	6/U Plenum 58C/U Appletalk™ Twinax	75 50 78	CW TC TC	Solid 19/0.0071 7/30	18 20 22	A/P + TC Braid TC Braid TC Braid	95 94 85	Black PVDF Black NCV Slate PVC	0.232 0.195 0.184	— 708-0653 —	— 59.05 —	— 708-0654 —	— 270.80 —	708-9143 708-0655 708-9150	2498.33 457.01 756.46

\*CSA Type CMP FT6. \*\*UL Type CM, CSA CMD FT4. †MIL-C-17.

Alpha Wire — Series V — High-Performance Small Diameter Variable Frequency Drive (VFD) Cable



Alpha's Series V VFD cable was designed to be the ultimate small diameter variable frequency drive cable connection solution. Alpha's VFD is acceptable for use with Allen-Bradley ArmorStart distributed motor controller series with integrated variable frequency AC drives manufactured by Rockwell Automation. Suitable for direct burial and resistant to exposure to direct sunlight and other sources of UV light.

- **Conductors:** Stranded tinned copper.
- **Insulation:** Black cross-linked polyethylene with white alpha numeric printing and one green/yellow for ground.
- **Shielding:** Aluminum/Polyester/Aluminum, drain wires plus overall tinned copper braid (85%). 2, 4, 6 and 8 AWG cables have four symmetrical drain wires.
- **Jacket:** Specially-formulated, oil resistant PVC.
- **Jacket Color:** Black.
- **Temperature Rating:** -40°C to 90°C.
- **Voltage Rating:** Type TC 600 V, Flexible motor supply cable 1000 V.
- **Cable Type:** UL Type XHHW-2 RHW-2, UL 1277 Type TC-ER, UL 1000 V flexible motor supply cable, UL 1581, UL FT4, CSA AWM I/II A/B XHHW-2 RHW-2 Singles.

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